

Technical Soil Descriptions

Technical soil descriptions describe the characteristics or properties (physical and chemical) of the soil including the parent material in which it formed. A pedon, a small three-dimensional area of the soil, serves as the reference point for the technical or soil series description. The soil description compares the soil to similar and other nearby soils and also includes a range of important characteristics. The detailed description method follows standards outlined in the Soil Survey Manual and many of the technical terms used in the description are defined in Soil Taxonomy.

Counties with Published Soil Surveys

Technical soil descriptions are located in the county soil survey descriptive legend.

Counties without Published Soil Surveys

Technical soil descriptions can be found in adjacent county published soil survey descriptive legends or at our [Official Soil Series Description](#) web site.

This section includes:

- (a) **Classification of the soils**

Stoddard County, Missouri
 Classification of the Soils

(An asterisk in the first column indicates a taxadjunct to the series. See text for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
Allemands-----	Clayey, montmorillonitic, euic, thermic Terric Medisaprists
Amagon-----	Fine-silty, mixed, active, thermic Typic Endoaqualfs
Askew-----	Fine-silty, mixed, active, thermic Aquic Hapludalfs
*Bosket-----	Fine-loamy, mixed, active, thermic Mollic Hapludalfs
Brandon-----	Fine-silty, mixed, thermic Typic Hapludults
Broseley-----	Loamy, mixed, thermic Arenic Hapludalfs
Calhoun-----	Fine-silty, mixed, active, thermic Typic Glossaqualfs
Canalou-----	Coarse-loamy, mixed, thermic Aquic Dystric Eutrochrepts
Collins-----	Coarse-silty, mixed, acid, thermic Aquic Udifluvents
Commerce-----	Fine-silty, mixed, nonacid, thermic Aeric Fluvaquents
Convent-----	Coarse-silty, mixed, nonacid, thermic Aeric Fluvaquents
Crowley-----	Fine, montmorillonitic, thermic Typic Albaqualfs
Dubbs-----	Fine-silty, mixed, active, thermic Typic Hapludalfs
Dundee-----	Fine-silty, mixed, active, thermic Aeric Ochraqualfs
*Eustis-----	Siliceous, thermic Psammentic Paleudults
Falaya-----	Coarse-silty, mixed, acid, thermic Aeric Fluvaquents
Farrenburg-----	Fine-loamy, mixed, thermic Aquic Hapludalfs
Foley-----	Fine-silty, mixed, active, thermic Albic Glossic Natraqualfs
Forestdale-----	Fine, smectitic, thermic Typic Endoaqualfs
Gideon-----	Fine-loamy, mixed, nonacid, thermic Mollic Fluvaquents
Goss-----	Clayey-skeletal, mixed, active, mesic Typic Paleudalfs
Kobel-----	Fine, smectitic, nonacid, thermic Vertic Endoaquepts
Lilbourn-----	Coarse-loamy, mixed, nonacid, thermic Aeric Fluvaquents
*Loring-----	Fine-silty, mixed, thermic Oxyaquic Fragiudalfs
Malden-----	Mixed, thermic Typic Udipsammens
*Malden-----	Mixed, thermic Typic Udipsammens
Memphis-----	Fine-silty, mixed, thermic Typic Hapludalfs
Mhoon-----	Fine-silty, mixed, nonacid, thermic Typic Fluvaquents
Roellen-----	Fine, montmorillonitic, thermic Vertic Epiqaquolls
Shadygrove-----	Fine, montmorillonitic, thermic Typic Hapludalfs
Sharkey-----	Very-fine, montmorillonitic, nonacid, thermic Vertic Haplaquepts
Sikeston-----	Fine-loamy, mixed, thermic Cumulic Haplaquolls
Tuckerman-----	Fine-loamy, mixed, active, thermic Typic Endoaqualfs
Wardell-----	Fine-loamy, mixed, thermic Mollic Ochraqualfs
Waverly-----	Coarse-silty, mixed, acid, thermic Typic Fluvaquents
Zachary-----	Fine-silty, mixed, thermic Typic Albaqualfs